

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
00-0000	Total, All Occupations	2,511,762	3,112,481	600,719	23.92%	60,072	59,933	120,005
11-0000	Management Occupations	150,025	182,176	32,151	21.43%	3,215	2,790	6,005
11-1000	Top Executives	35,761	44,609	8,848	24.74%	885	672	1,557
11-1011	Chief Executives	10,048	12,130	2,082	20.72%	208	190	398
11-1021	General and Operations Managers	25,249	31,962	6,713	26.59%	671	476	1,148
11-1031	Legislators	464	517	53	11.42%	5	6	11
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	14,918	19,493	4,575	30.67%	458	273	731
11-2011	Advertising and Promotions Managers	1,512	1,849	337	22.29%	34	27	61
11-2021	Marketing Managers	4,382	5,361	979	22.34%	98	81	179
11-2022	Sales Managers	7,661	10,621	2,960	38.64%	296	141	437
11-2031	Public Relations Managers	1,363	1,662	299	21.94%	30	24	54
11-3000	Operations Specialties Managers	31,927	39,028	7,101	22.24%	710	551	1,261
11-3011	Administrative Services Managers	5,491	6,763	1,272	23.17%	127	107	234
11-3021	Computer and Information Systems Managers	4,914	6,446	1,532	31.18%	153	89	242
11-3031	Financial Managers	11,142	13,709	2,567	23.04%	257	160	416
11-3040	Human Resources Managers	4,233	5,187	954	22.54%	95	71	167
11-3051	Industrial Production Managers	2,428	2,765	337	13.88%	34	47	81
11-3061	Purchasing Managers	2,043	2,178	135	6.61%	14	44	58
11-3071	Transportation, Storage, and Distribution Managers	1,676	1,980	304	18.14%	30	33	63
11-9000	Other Management Occupations	67,419	79,046	11,627	17.25%	1,163	1,294	2,456
11-9011	Farm, Ranch, and Other Agricultural Managers	2,573	2,413	-160	-6.22%	0	44	44
11-9012	Farmers and Ranchers	74	49	-25	-33.78%	0	0	0
11-9021	Construction Managers	6,006	7,538	1,532	25.51%	153	109	262
11-9031	Education Administrators, Preschool and Child Care Center/Program	1,237	1,600	363	29.35%	36	31	67
11-9032	Education Administrators, Elementary and Secondary School	3,345	4,260	915	27.35%	92	83	175
11-9033	Education Administrators, Postsecondary	2,576	3,033	457	17.74%	46	64	110
11-9039	Education Administrators, All Other	312	375	63	20.19%	6	8	14
11-9041	Engineering Managers	4,812	5,535	723	15.02%	72	96	168
11-9051	Food Service Managers	11,537	13,296	1,759	15.25%	176	188	364
11-9061	Funeral Directors	133	150	17	12.78%	2	4	6
11-9071	Gaming Managers	567	566	-1	-0.18%	0	11	11
11-9081	Lodging Managers	1,757	1,849	92	5.24%	9	29	38
11-9111	Medical and Health Services Managers	4,193	6,354	2,161	51.54%	216	82	298
11-9121	Natural Sciences Managers	509	576	67	13.16%	7	10	17
11-9131	Postmasters and Mail Superintendents	188	205	17	9.04%	2	4	5

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11-9141	Property, Real Estate, and Community Association Managers	5,872	7,013	1,141	19.43%	114	110	224
11-9151	Social and Community Service Managers	3,074	4,065	991	32.24%	99	59	158
11-9199	Managers, All Other	18,654	20,169	1,515	8.12%	152	363	515
13-0000	Business and Financial Operations Occupations	104,080	129,071	24,991	24.01%	2,499	1,815	4,314
13-1000	Business Operations Specialists	54,011	67,258	13,247	24.53%	1,325	932	2,257
13-1011	Agents and Business Managers of Artists, Performers, and	308	390	82	26.62%	8	6	14
13-1021	Purchasing Agents and Buyers, Farm Products	459	575	116	25.27%	12	16	27
13-1022	Wholesale and Retail Buyers, Except Farm Products	2,885	3,238	353	12.24%	35	76	111
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm	4,227	4,945	718	16.99%	72	105	177
13-1031	Claims Adjusters, Examiners, and Investigators	4,971	6,146	1,175	23.64%	118	61	179
13-1032	Insurance Appraisers, Auto Damage	346	413	67	19.36%	7	4	11
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	2,169	2,529	360	16.60%	36	51	87
13-1051	Cost Estimators	3,515	4,561	1,046	29.76%	105	79	183
13-1061	Emergency Management Specialists	138	184	46	33.33%	5	3	8
13-1071	Employment, Recruitment, and Placement Specialists	3,701	4,610	909	24.56%	91	57	148
13-1072	Compensation, Benefits, and Job Analysis Specialists	1,398	1,801	403	28.83%	40	21	62
13-1073	Training and Development Specialists	5,045	6,648	1,603	31.77%	160	77	238
13-1111	Management Analysts	15,196	18,698	3,502	23.05%	350	208	558
13-1121	Meeting and Convention Planners	755	876	121	16.03%	12	16	29
13-1199	Business Operations Specialists, All Other	8,898	11,644	2,746	30.86%	275	152	426
13-2000	Financial Specialists	50,069	61,813	11,744	23.46%	1,174	883	2,057
13-2011	Accountants and Auditors	21,444	26,834	5,390	25.14%	539	405	944
13-2021	Appraisers and Assessors of Real Estate	2,629	3,187	558	21.22%	56	56	112
13-2031	Budget Analysts	2,606	3,152	546	20.95%	55	43	97
13-2041	Credit Analysts	3,426	4,118	692	20.20%	69	54	123
13-2051	Financial Analysts	4,011	4,823	812	20.24%	81	59	140
13-2052	Personal Financial Advisors	2,113	2,862	749	35.45%	75	27	102
13-2053	Insurance Underwriters	1,963	2,396	433	22.06%	43	35	78
13-2061	Financial Examiners	498	567	69	13.86%	7	11	18
13-2071	Loan Counselors	986	1,158	172	17.44%	17	16	33
13-2072	Loan Officers	5,885	7,299	1,414	24.03%	141	95	236
13-2081	Tax Examiners, Collectors, and Revenue Agents	740	831	91	12.30%	9	17	26
13-2082	Tax Preparers	948	1,138	190	20.04%	19	16	35
13-2099	Financial Specialists, All Other	2,820	3,448	628	22.27%	63	50	112
15-0000	Computer and Mathematical Occupations	48,844	61,400	12,556	25.71%	1,256	663	1,918
15-1000	Computer Specialists	47,026	59,438	12,412	26.39%	1,241	618	1,859

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15-1011	Computer and Information Scientists, Research	546	630	84	15.38%	8	6	15
15-1021	Computer Programmers	7,200	7,685	485	6.74%	49	170	219
15-1031	Computer Software Engineers, Applications	5,210	6,791	1,581	30.35%	158	52	210
15-1032	Computer Software Engineers, Systems Software	4,496	5,800	1,304	29.00%	130	45	175
15-1041	Computer Support Specialists	12,570	15,483	2,913	23.17%	291	155	446
15-1051	Computer Systems Analysts	7,356	9,678	2,322	31.57%	232	83	315
15-1061	Database Administrators	1,511	2,104	593	39.25%	59	16	75
15-1071	Network and Computer Systems Administrators	4,092	5,393	1,301	31.79%	130	45	176
15-1081	Network Systems and Data Communications Analysts	2,596	3,819	1,223	47.11%	122	31	153
15-1099	Computer Specialists, All Other	1,449	2,055	606	41.82%	61	16	77
15-2000	Mathematical Scientists	1,818	1,962	144	7.92%	14	45	59
15-2011	Actuaries	96	110	14	14.58%	1	4	6
15-2021	Mathematicians	81	80	-1	-1.23%	0	4	4
15-2031	Operations Research Analysts	1,314	1,431	117	8.90%	12	29	40
15-2041	Statisticians	232	238	6	2.59%	#	6	6
15-2091	Mathematical Technicians	28	29	1	3.57%	#	1	1
15-2099	Mathematical Science Occupations, All Other	67	74	7	10.45%	#	2	2
17-0000	Architecture and Engineering Occupations	59,025	68,769	9,744	16.51%	974	1,301	2,275
17-1000	Architects, Surveyors, and Cartographers	5,063	6,557	1,494	29.51%	149	98	248
17-1011	Architects, Except Landscape and Naval	2,361	3,198	837	35.45%	84	27	111
17-1012	Landscape Architects	926	1,217	291	31.43%	29	11	40
17-1021	Cartographers and Photogrammetrists	163	206	43	26.38%	4	6	10
17-1022	Surveyors	1,565	1,879	314	20.06%	31	54	85
17-1099	Architects, Surveyors, and Cartographers, All Other (OES	48	57	9	18.75%	#	2	2
17-2000	Engineers	31,364	35,966	4,602	14.67%	460	666	1,126
17-2011	Aerospace Engineers	3,967	4,315	348	8.77%	35	98	133
17-2021	Agricultural Engineers	75	83	8	10.67%	#	3	3
17-2031	Biomedical Engineers	130	171	41	31.54%	4	2	6
17-2041	Chemical Engineers	279	297	18	6.45%	2	8	10
17-2051	Civil Engineers	4,981	6,098	1,117	22.43%	112	79	191
17-2061	Computer Hardware Engineers	1,830	1,940	110	6.01%	11	31	42
17-2071	Electrical Engineers	3,346	3,637	291	8.70%	29	66	95
17-2072	Electronics Engineers, Except Computer	5,332	6,147	815	15.29%	82	105	186
17-2081	Environmental Engineers	805	1,172	367	45.59%	37	14	50
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	1,086	1,289	203	18.69%	20	26	47
17-2112	Industrial Engineers	2,412	2,666	254	10.53%	25	58	84

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17-2121	Marine Engineers and Naval Architects	58	59	1	1.72%	#	3	3
17-2131	Materials Engineers	456	491	35	7.68%	4	12	16
17-2141	Mechanical Engineers	3,897	4,198	301	7.72%	30	107	137
17-2151	Mining and Geological Engineers, Including Mining Safety	194	233	39	20.10%	4	6	10
17-2161	Nuclear Engineers	216	263	47	21.76%	5	6	11
17-2171	Petroleum Engineers	84	88	4	4.76%	#	3	3
17-2199	Engineers, All Other	2,216	2,819	603	27.21%	60	42	103
17-3000	Drafters, Engineering, and Mapping Technicians	22,598	26,246	3,648	16.14%	365	537	902
17-3011	Architectural and Civil Drafters	1,831	2,159	328	17.91%	33	52	84
17-3012	Electrical and Electronics Drafters	2,006	2,283	277	13.81%	28	56	84
17-3013	Mechanical Drafters	1,590	1,724	134	8.43%	13	45	58
17-3021	Aerospace Engineering and Operations Technicians	1,134	1,227	93	8.20%	9	24	33
17-3022	Civil Engineering Technicians	1,671	2,069	398	23.82%	40	35	75
17-3023	Electrical and Electronic Engineering Technicians	7,418	8,522	1,104	14.88%	110	155	266
17-3024	Electro-Mechanical Technicians	431	514	83	19.26%	8	9	17
17-3025	Environmental Engineering Technicians	358	496	138	38.55%	14	8	21
17-3026	Industrial Engineering Technicians	2,005	2,169	164	8.18%	16	42	58
17-3027	Mechanical Engineering Technicians	917	1,046	129	14.07%	13	19	32
17-3031	Surveying and Mapping Technicians	1,182	1,644	462	39.09%	46	43	89
17-3099	Drafters, Engineering, and Mapping Technicians, All Other	2,055	2,393	338	16.45%	34	50	83
19-0000	Life, Physical, and Social Science Occupations	18,042	22,264	4,222	23.40%	422	440	862
19-1000	Life Scientists	2,129	2,800	671	31.52%	67	50	117
19-1010	Agricultural and Food Scientists	248	273	25	10.08%	3	4	7
19-1021	Biochemists and Biophysicists	97	133	36	37.11%	4	3	7
19-1022	Microbiologists	157	211	54	34.39%	5	5	10
19-1023	Zoologists and Wildlife Biologists	150	177	27	18.00%	3	5	7
19-1029	Biological Scientists, All Other	235	260	25	10.64%	3	7	10
19-1031	Conservation Scientists	173	185	12	6.94%	1	5	6
19-1032	Foresters	148	170	22	14.86%	2	4	7
19-1041	Epidemiologists	97	143	46	47.42%	5	2	6
19-1042	Medical Scientists, Except Epidemiologists	649	1,020	371	57.16%	37	11	49
19-1099	Life Scientists, All Other	175	228	53	30.29%	5	3	8
19-2000	Physical Scientists	3,775	4,542	767	20.32%	77	93	170
19-2011	Astronomers	51	65	14	27.45%	1	2	3
19-2012	Physicists	248	316	68	27.42%	7	8	15
19-2021	Atmospheric and Space Scientists	132	153	21	15.91%	2	5	7
19-2031	Chemists	698	880	182	26.07%	18	23	41

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19-2032	Materials Scientists	205	234	29	14.15%	3	7	10
19-2041	Environmental Scientists and Specialists, Including Health	748	971	223	29.81%	22	13	36
19-2042	Geoscientists, Except Hydrologists and Geographers	249	330	81	32.53%	8	4	13
19-2043	Hydrologists	389	491	102	26.22%	10	7	17
19-2099	Physical Scientists, All Other	1,055	1,102	47	4.45%	5	24	29
19-3000	Social Scientists and Related Workers	7,524	9,240	1,716	22.81%	172	189	360
19-3011	Economists	253	295	42	16.60%	4	7	12
19-3021	Market Research Analysts	2,349	2,841	492	20.95%	49	61	110
19-3022	Survey Researchers	659	815	156	23.67%	16	17	33
19-3031	Clinical, Counseling, and School Psychologists	2,187	2,855	668	30.54%	67	48	115
19-3032	Industrial-Organizational Psychologists	49	58	9	18.37%	#	1	1
19-3041	Sociologists	51	71	20	39.22%	2	2	4
19-3051	Urban and Regional Planners	939	1,150	211	22.47%	21	31	52
19-3091	Anthropologists and Archeologists	139	158	19	0	2	3	5
19-3092	Geographers	11	14	3	27.27%	#	0	0
19-3093	Historians	32	37	5	15.63%	#	1	1
19-3094	Political Scientists	80	83	3	3.75%	#	2	2
19-3099	Social Scientists and Related Workers, All Other	775	863	88	11.35%	9	16	25
19-4000	Life, Physical, and Social Science Technicians	4,614	5,682	1,068	23.15%	107	108	215
19-4011	Agricultural and Food Science Technicians	141	157	16	11.35%	2	3	4
19-4021	Biological Technicians	278	336	58	20.86%	6	5	11
19-4031	Chemical Technicians	464	590	126	27.16%	13	12	24
19-4041	Geological and Petroleum Technicians	55	62	7	12.73%	#	1	1
19-4051	Nuclear Technicians	290	413	123	42.41%	12	8	20
19-4091	Environmental Science and Protection Technicians, Including Health	263	371	108	41.06%	11	6	17
19-4092	Forensic Science Technicians	429	569	140	32.63%	14	10	24
19-4093	Forest and Conservation Technicians	225	249	24	10.67%	2	5	8
19-4099	Life, Physical, and Social Science Technicians, All Other	2,469	2,935	466	18.87%	47	58	105
21-0000	Community and Social Services Occupations	29,494	39,191	9,697	32.88%	970	551	1,521
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	24,262	32,857	8,595	35.43%	860	469	1,329
21-1011	Substance Abuse and Behavioral Disorder Counselors	916	1,247	331	36.14%	33	21	54
21-1012	Educational, Vocational, and School Counselors	3,976	4,574	598	15.04%	60	91	151
21-1013	Marriage and Family Therapists	514	682	168	32.68%	17	12	29
21-1014	Mental Health Counselors	1,809	2,561	752	41.57%	75	41	117
21-1015	Rehabilitation Counselors	1,547	2,191	644	41.63%	64	35	100

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21-1021	Child, Family, and School Social Workers	4,663	6,045	1,382	29.64%	138	80	218
21-1022	Medical and Public Health Social Workers	1,086	1,615	529	48.71%	53	19	72
21-1023	Mental Health and Substance Abuse Social Workers	1,873	2,859	986	52.64%	99	32	131
21-1091	Health Educators	613	796	183	29.85%	18	11	29
21-1092	Probation Officers and Correctional Treatment Specialists	3,412	4,194	782	22.92%	78	60	138
21-1093	Social and Human Service Assistants	3,853	6,093	2,240	58.14%	224	68	292
21-2000	Religious Workers	3,394	3,917	523	15.41%	52	48	100
21-2011	Clergy	1,096	1,218	122	11.13%	12	23	35
21-2021	Directors, Religious Activities and Education	2,298	2,699	401	17.45%	40	25	65
21-9000	Miscellaneous Counselors, Social, & Religious Workers	1,838	2,417	579	31.50%	58	34	92
21-9099	Counselors, Social, and Religious Workers, All Other (OES)	1,838	2,417	579	31.50%	58	34	92
23-0000	Legal Occupations	21,036	25,461	4,425	21.04%	443	246	689
23-1000	Lawyers, Judges, and Related Workers	13,291	16,198	2,907	21.87%	291	171	462
23-1011	Lawyers	12,511	15,258	2,747	21.96%	275	161	436
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	270	319	49	18.15%	5	4	8
23-1022	Arbitrators, Mediators, and Conciliators	81	96	15	18.52%	2	1	3
23-1023	Judges, Magistrate Judges, and Magistrates	429	525	96	22.38%	10	6	15
23-2000	Legal Support Workers	6,228	7,500	1,272	20.42%	127	59	186
23-2011	Paralegals and Legal Assistants	3,268	4,250	982	30.05%	98	26	124
23-2091	Court Reporters	389	478	89	22.88%	9	4	13
23-2092	Law Clerks	1,490	1,610	120	8.05%	12	16	28
23-2093	Title Examiners, Abstractors, and Searchers	1,081	1,162	81	7.49%	8	12	20
23-9000	Miscellaneous Legal & Related Workers	1,517	1,763	246	16.22%	25	17	41
23-9099	Legal and Related Workers, All Other (OES Only)	1,517	1,763	246	16.22%	25	17	41
25-0000	Education, Training, and Library Occupations	147,677	185,876	38,199	25.87%	3,820	3,101	6,921
25-1000	Postsecondary Teachers	35,984	46,052	10,068	27.98%	1,007	813	1,819
25-1011	Business Teachers, Postsecondary	2,976	3,827	851	28.60%	85	67	152
25-1021	Computer Science Teachers, Postsecondary	2,330	2,986	656	28.15%	66	53	118
25-1022	Mathematical Science Teachers, Postsecondary	1,987	2,487	500	25.16%	50	45	95
25-1031	Architecture Teachers, Postsecondary	264	333	69	26.14%	7	6	13
25-1032	Engineering Teachers, Postsecondary	1,037	1,305	268	25.84%	27	23	50
25-1041	Agricultural Sciences Teachers, Postsecondary	632	788	156	24.68%	16	14	30
25-1042	Biological Science Teachers, Postsecondary	976	1,228	252	0	25	22	47
25-1043	Forestry and Conservation Science Teachers, Postsecondary							
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25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	155	195	40	25.81%	4	4	8
25-1052	Chemistry Teachers, Postsecondary	1,385	1,766	381	27.51%	38	31	69
25-1053	Environmental Science Teachers, Postsecondary	297	381	84	28.28%	8	7	15
25-1054	Physics Teachers, Postsecondary	672	858	186	27.68%	19	15	34
25-1061	Anthropology and Archeology Teachers, Postsecondary	14	18	4	28.57%	#	0	0
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	283	362	79	27.92%	8	6	14
25-1063	Economics Teachers, Postsecondary	995	1,266	271	27.24%	27	23	50
25-1064	Geography Teachers, Postsecondary	50	63	13	26.00%	1	1	2
25-1065	Political Science Teachers, Postsecondary	382	489	107	28.01%	11	9	19
25-1066	Psychology Teachers, Postsecondary	321	413	92	28.66%	9	7	16
25-1067	Sociology Teachers, Postsecondary	970	1,234	264	27.22%	26	22	48
25-1071	Health Specialties Teachers, Postsecondary	2,314	3,035	721	31.16%	72	52	124
25-1072	Nursing Instructors and Teachers, Postsecondary	1,199	1,532	333	27.77%	33	27	60
25-1081	Education Teachers, Postsecondary	1,077	1,383	306	28.41%	31	24	55
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	476	590	114	23.95%	11	11	22
25-1112	Law Teachers, Postsecondary	278	364	86	0	9	6	15
25-1113	Social Work Teachers, Postsecondary	**	**	**	**	**	**	**
25-1121	Art, Drama, and Music Teachers, Postsecondary	1,540	2,004	464	30.13%	46	35	81
25-1122	Communications Teachers, Postsecondary	888	1,133	245	27.59%	25	20	45
25-1123	English Language and Literature Teachers, Postsecondary	2,020	2,555	535	26.49%	54	46	99
25-1124	Foreign Language and Literature Teachers, Postsecondary	555	721	166	29.91%	17	13	29
25-1125	History Teachers, Postsecondary	101	129	28	27.72%	3	2	5
25-1126	Philosophy and Religion Teachers, Postsecondary	150	195	45	30.00%	5	3	8
25-1191	Graduate Teaching Assistants	1,420	1,765	345	24.30%	35	32	67
25-1192	Home Economics Teachers, Postsecondary	66	81	15	22.73%	2	2	3
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	402	508	106	26.37%	11	9	20
25-1194	Vocational Education Teachers, Postsecondary	3,000	4,045	1,045	34.83%	105	68	172
25-1199	Postsecondary Teachers, All Other	4,770	6,011	1,241	26.02%	124	108	232
25-2000	Primary, Secondary, and Special Education School Teachers	68,381	85,161	16,780	24.54%	1,678	1,485	3,163
25-2011	Preschool Teachers, Except Special Education	8,672	11,397	2,725	31.42%	273	103	376
25-2012	Kindergarten Teachers, Except Special Education	3,039	4,061	1,022	33.63%	102	36	138
25-2021	Elementary School Teachers, Except Special Education	29,468	35,810	6,342	21.52%	634	650	1,285
25-2022	Middle School Teachers, Except Special and Vocational	7,361	8,487	1,126	15.30%	113	162	275
25-2023	Vocational Education Teachers, Middle School	154	180	26	16.88%	3	3	6

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
25-2031	Secondary School Teachers, Except Special and Vocational	13,132	16,434	3,302	25.14%	330	370	700
25-2032	Vocational Education Teachers, Secondary School	902	1,042	140	15.52%	14	25	39
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	3,380	4,628	1,248	36.92%	125	81	205
25-2042	Special Education Teachers, Middle School	666	917	251	37.69%	25	16	41
25-2043	Special Education Teachers, Secondary School	1,607	2,205	598	37.21%	60	38	98
25-3000	Other Teachers and Instructors	9,358	12,745	3,387	36.19%	339	115	454
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	1,221	1,461	240	19.66%	24	15	39
25-3021	Self-Enrichment Education Teachers	4,478	6,250	1,772	39.57%	177	55	232
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	3,659	5,034	1,375	37.58%	138	45	183
25-4000	Librarians, Curators, and Archivists	5,819	6,742	923	15.86%	92	164	256
25-4010	Archivists, Curators, and Museum Technicians	1,056	1,188	132	12.50%	13	23	36
25-4021	Librarians	2,722	3,109	387	14.22%	39	65	104
25-4031	Library Technicians	2,041	2,445	404	19.79%	40	75	116
25-9000	Other Education, Training, and Library Occupations	28,135	35,176	7,041	25.03%	704	525	1,229
25-9011	Audio-Visual Collections Specialists	495	538	43	8.69%	4	8	12
25-9021	Farm and Home Management Advisors	44	40	-4	-9.09%	0	1	0
25-9031	Instructional Coordinators	3,608	4,443	835	23.14%	84	55	138
25-9041	Teacher Assistants	23,611	29,684	6,073	25.72%	607	456	1,063
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES Only)	377	471	94	24.93%	9	6	15
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	37,001	43,493	6,492	17.55%	649	684	1,334
27-1000	Art and Design Workers	13,744	16,377	2,633	19.16%	263	209	472
27-1011	Art Directors	546	572	26	4.76%	3	12	14
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	515	591	76	14.76%	8	11	19
27-1014	Multi-Media Artists and Animators	1,085	1,136	51	4.70%	5	24	29
27-1021	Commercial and Industrial Designers	762	857	95	12.47%	10	10	20
27-1022	Fashion Designers	155	222	67	43.23%	7	2	9
27-1023	Floral Designers	1,904	2,542	638	33.51%	64	25	89
27-1024	Graphic Designers	3,980	4,853	873	21.93%	87	53	141
27-1025	Interior Designers	1,185	1,492	307	25.91%	31	16	47
27-1026	Merchandise Displayers and Window Trimmers	1,628	1,906	278	17.08%	28	22	50
27-1027	Set and Exhibit Designers	317	376	59	18.61%	6	4	10
27-1099	Art and Design Workers, All Other (OES Only)	1,667	1,830	163	9.78%	16	30	46

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
27-2000	Entertainers and Performers, Sports and Related Workers	6,790	7,748	958	14.11%	96	154	250
27-2011	Actors	720	817	97	13.47%	10	9	19
27-2012	Producers and Directors	899	1,006	107	11.90%	11	13	24
27-2021	Athletes and Sports Competitors	349	420	71	20.34%	7	7	14
27-2022	Coaches and Scouts	1,975	2,306	331	16.76%	33	38	71
27-2023	Umpires, Referees, and Other Sports Officials	200	244	44	22.00%	4	4	8
27-2031	Dancers	238	265	27	11.34%	3	15	17
27-2032	Choreographers	547	643	96	17.55%	10	34	43
27-2041	Music Directors and Composers	199	192	-7	-3.52%	0	4	4
27-2042	Musicians and Singers	1,139	1,285	146	12.82%	15	24	39
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	524	570	46	8.78%	5	6	11
27-3000	Media and Communication Workers	11,566	13,702	2,136	18.47%	214	215	429
27-3010	Announcers	803	787	-16	-1.99%	0	20	20
27-3020	News Analysts, Reporters and Correspondents	650	751	101	15.54%	10	16	26
27-3031	Public Relations Specialists	2,807	3,788	981	34.95%	98	40	138
27-3041	Editors	1,485	1,675	190	12.79%	19	36	55
27-3042	Technical Writers	1,150	1,335	185	16.09%	19	33	52
27-3043	Writers and Authors	2,552	2,814	262	10.27%	26	44	70
27-3091	Interpreters and Translators	1,004	1,261	257	25.60%	26	12	38
27-3099	Media and Communication Workers, All Other	1,115	1,291	176	15.78%	18	14	31
27-4000	Media and Communication Equipment Workers	4,901	5,666	765	15.61%	77	107	183
27-4011	Audio and Video Equipment Technicians	694	882	188	27.09%	19	17	36
27-4012	Broadcast Technicians	493	549	56	11.36%	6	12	18
27-4013	Radio Operators	31	28	-3	-9.68%	0	1	1
27-4014	Sound Engineering Technicians	231	275	44	19.05%	4	6	10
27-4021	Photographers	2,447	2,691	244	9.97%	24	50	74
27-4031	Camera Operators, Television, Video, and Motion Picture	489	642	153	31.29%	15	10	26
27-4032	Film and Video Editors	169	202	33	19.53%	3	4	7
27-4099	Media and Communication Equipment Workers, All Other	347	397	50	14.41%	5	7	12
29-0000	Healthcare Practitioners and Technical Occupations	105,151	157,647	52,496	49.92%	5,250	2,002	7,252
29-1000	Health Diagnosing and Treating Practitioners	64,096	96,338	32,242	50.30%	3,224	1,247	4,471
29-1011	Chiropractors	1,059	1,330	271	25.59%	27	20	47
29-1020	Dentists	4,502	5,527	1,025	22.77%	103	76	178
29-1031	Dietitians and Nutritionists	1,066	1,467	401	37.62%	40	28	68
29-1041	Optometrists	479	577	98	20.46%	10	13	23
29-1051	Pharmacists	3,210	4,882	1,672	52.09%	167	62	229

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
29-1061	Anesthesiologists	229	312	83	36.24%	8	3	11
29-1062	Family and General Practitioners	2,829	3,858	1,029	36.37%	103	38	141
29-1063	Internists, General	406	550	144	35.47%	14	5	20
29-1064	Obstetricians and Gynecologists	209	288	79	37.80%	8	3	11
29-1065	Pediatricians, General	309	423	114	36.89%	11	4	16
29-1066	Psychiatrists	312	435	123	39.42%	12	4	17
29-1067	Surgeons	320	439	119	37.19%	12	4	16
29-1069	Physicians and Surgeons, All Other	3,284	4,381	1,097	33.40%	110	44	154
29-1071	Physician Assistants	2,341	4,178	1,837	78.47%	184	36	220
29-1081	Podiatrists	311	396	85	27.33%	9	8	16
29-1111	Registered Nurses	34,123	53,901	19,778	57.96%	1,978	714	2,692
29-1121	Audiologists	293	401	108	36.86%	11	7	18
29-1122	Occupational Therapists	1,003	1,550	547	54.54%	55	14	68
29-1123	Physical Therapists	2,341	3,636	1,295	55.32%	130	23	153
29-1124	Radiation Therapists	538	890	352	65.43%	35	12	48
29-1125	Recreational Therapists	400	517	117	29.25%	12	10	21
29-1126	Respiratory Therapists	1,285	2,197	912	70.97%	91	42	133
29-1127	Speech-Language Pathologists	1,213	1,634	421	34.71%	42	30	72
29-1131	Veterinarians	1,223	1,382	159	13.00%	16	30	45
29-1199	Health Diagnosing and Treating Practitioners, All Other	811	1,187	376	46.36%	38	18	55
29-2000	Health Technologists and Technicians	38,678	57,924	19,246	49.76%	1,925	710	2,634
29-2011	Medical and Clinical Laboratory Technologists	2,076	3,090	1,014	48.84%	101	56	157
29-2012	Medical and Clinical Laboratory Technicians	4,851	7,168	2,317	47.76%	232	131	362
29-2021	Dental Hygienists	1,720	2,942	1,222	71.05%	122	15	137
29-2031	Cardiovascular Technologists and Technicians	561	904	343	61.14%	34	11	45
29-2032	Diagnostic Medical Sonographers	825	1,267	442	53.58%	44	15	60
29-2033	Nuclear Medicine Technologists	210	324	114	54.29%	11	4	15
29-2034	Radiologic Technologists and Technicians	4,059	6,119	2,060	50.75%	206	76	282
29-2041	Emergency Medical Technicians and Paramedics	2,195	3,347	1,152	52.48%	115	25	140
29-2051	Dietetic Technicians	1,006	1,458	452	44.93%	45	13	58
29-2052	Pharmacy Technicians	2,997	4,497	1,500	50.05%	150	39	189
29-2053	Psychiatric Technicians	651	951	300	46.08%	30	9	39
29-2054	Respiratory Therapy Technicians	813	1,426	613	75.40%	61	11	72
29-2055	Surgical Technologists	1,693	2,768	1,075	63.50%	108	22	130
29-2056	Veterinary Technologists and Technicians	1,660	2,191	531	31.99%	53	22	75
29-2061	Licensed Practical and Licensed Vocational Nurses	9,001	12,507	3,506	38.95%	351	196	547
29-2071	Medical Records and Health Information Technicians	3,137	5,397	2,260	72.04%	226	45	271

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
29-2081	Opticians, Dispensing	1,159	1,484	325	28.04%	33	20	53
29-2091	Orthotists and Prosthetists	64	84	20	31.25%	2	1	3
29-9000	Other Healthcare Practitioners and Technical Occupations	732	863	131	17.90%	13	16	29
29-9010	Occupational Health and Safety Specialists and Technicians	563	652	89	15.81%	9	12	21
29-9091	Athletic Trainers	169	211	42	24.85%	4	4	8
29-9100	Other Health Practitioners And Technical Workers	1,645	2,522	877	53.31%	88	30	118
29-9199	Health Professionals and Technicians, All Other (OES Only)	1,645	2,522	877	53.31%	88	30	118
31-0000	Healthcare Support Occupations	60,169	94,195	34,026	56.55%	3,403	995	4,397
31-1000	Nursing, Psychiatric, and Home Health Aides	30,078	45,667	15,589	51.83%	1,559	394	1,953
31-1011	Home Health Aides	10,284	16,077	5,793	56.33%	579	135	714
31-1012	Nursing Aides, Orderlies, and Attendants	18,763	28,037	9,274	49.43%	927	246	1,173
31-1013	Psychiatric Aides	1,031	1,553	522	50.63%	52	14	66
31-2000	Occupational and Physical Therapist Assistants and Aides	3,224	5,316	2,092	64.89%	209	52	262
31-2011	Occupational Therapist Assistants	232	355	123	53.02%	12	3	15
31-2012	Occupational Therapist Aides	121	190	69	57.02%	7	2	8
31-2021	Physical Therapist Assistants	1,535	2,544	1,009	65.73%	101	26	127
31-2022	Physical Therapist Aides	1,336	2,227	891	66.69%	89	22	111
31-9000	Other Healthcare Support Occupations	26,867	43,212	16,345	60.84%	1,635	548	2,183
31-9011	Massage Therapists	2,142	2,639	497	23.20%	50	42	91
31-9091	Dental Assistants	5,239	8,963	3,724	71.08%	372	147	519
31-9092	Medical Assistants	11,652	20,649	8,997	77.21%	900	216	1,115
31-9093	Medical Equipment Preparers	818	1,225	407	49.76%	41	15	56
31-9094	Medical Transcriptionists	1,802	2,504	702	38.96%	70	33	104
31-9095	Pharmacy Aides	1,504	2,069	565	37.57%	57	28	84
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	830	962	132	15.90%	13	15	29
31-9099	Healthcare Support Workers, All Other	2,880	4,201	1,321	45.87%	132	53	185
33-0000	Protective Service Occupations	61,246	80,201	18,955	30.95%	1,896	1,731	3,626
33-1000	First-Line Supervisors/Managers, Protective Service Workers	5,554	7,114	1,560	28.09%	156	181	337
33-1011	First-Line Supervisors/Managers of Correctional Officers	1,151	1,535	384	33.36%	38	34	72
33-1012	First-Line Supervisors/Managers of Police and Detectives	2,151	2,729	578	26.87%	58	71	129
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	1,169	1,538	369	31.57%	37	48	85
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	1,083	1,312	229	21.14%	23	28	51
33-2000	Fire Fighting and Prevention Workers	5,175	6,833	1,658	32.04%	166	150	316

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
33-2011	Fire Fighters	4,852	6,454	1,602	33.02%	160	141	301
33-2021	Fire Inspectors and Investigators	284	331	47	16.55%	5	8	13
33-2022	Forest Fire Inspectors and Prevention Specialists	39	48	9	23.08%	#	1	1
33-3000	Law Enforcement Workers	23,511	32,482	8,971	38.16%	897	554	1,452
33-3011	Bailiffs	245	299	54	22.04%	5	5	11
33-3012	Correctional Officers and Jailers	9,086	12,810	3,724	40.99%	372	189	561
33-3021	Detectives and Criminal Investigators	1,525	2,072	547	35.87%	55	41	96
33-3031	Fish and Game Wardens	243	297	54	22.22%	5	6	12
33-3041	Parking Enforcement Workers	274	316	42	15.33%	4	5	9
33-3051	Police and Sheriff's Patrol Officers	12,109	16,655	4,546	37.54%	455	313	768
33-3052	Transit and Railroad Police	29	33	4	13.79%	#	1	1
33-9000	Other Protective Service Workers	27,006	33,772	6,766	25.05%	677	846	1,523
33-9011	Animal Control Workers	370	456	86	23.24%	9	26	34
33-9021	Private Detectives and Investigators	844	1,126	282	33.41%	28	18	46
33-9031	Gaming Surveillance Officers and Gaming Investigators	824	1,015	191	23.18%	19	18	37
33-9032	Security Guards	18,929	23,840	4,911	25.94%	491	412	903
33-9091	Crossing Guards	1,239	1,611	372	30.02%	37	40	77
33-9099	Protective Service Workers, All Other	4,800	5,724	924	19.25%	92	333	425
35-0000	Food Preparation and Serving Related Occupations	198,860	243,491	44,631	22.44%	4,463	7,893	12,356
35-1000	Supervisors, Food Preparation and Serving Workers	15,158	18,261	3,103	20.47%	310	370	680
35-1011	Chefs and Head Cooks	1,616	1,901	285	17.64%	29	48	76
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	13,542	16,360	2,818	20.81%	282	322	604
35-2000	Cooks and Food Preparation Workers	49,052	58,353	9,301	18.96%	930	1,592	2,522
35-2011	Cooks, Fast Food	11,198	12,229	1,031	9.21%	103	347	450
35-2012	Cooks, Institution and Cafeteria	4,933	5,427	494	10.01%	49	153	202
35-2013	Cooks, Private Household	24	28	4	16.67%	#	1	1
35-2014	Cooks, Restaurant	13,269	16,107	2,838	21.39%	284	411	695
35-2015	Cooks, Short Order	3,118	3,718	600	19.24%	60	97	157
35-2021	Food Preparation Workers	16,510	20,844	4,334	26.25%	433	584	1,018
35-3000	Food and Beverage Serving Workers	106,082	132,828	26,746	25.21%	2,675	4,984	7,659
35-3011	Bartenders	7,604	8,487	883	11.61%	88	300	389
35-3021	Combined Food Preparation and Serving Workers, Including	48,467	62,809	14,342	29.59%	1,434	2,101	3,535
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	5,469	6,708	1,239	22.65%	124	357	481
35-3031	Waiters and Waitresses	40,918	50,599	9,681	23.66%	968	2,105	3,073
35-3041	Food Servers, Nonrestaurant	3,624	4,225	601	16.58%	60	121	182

2003-2013 Arizona Statewide Occupational Projections

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SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
35-9000	Other Food Preparation and Serving Related Workers	28,568	34,049	5,481	19.19%	548	947	1,495
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	10,908	13,452	2,544	23.32%	254	365	619
35-9021	Dishwashers	10,864	12,417	1,553	14.29%	155	367	522
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	5,827	7,068	1,241	21.30%	124	185	309
35-9099	Food Preparation and Serving Related Workers, All Other	969	1,112	143	14.76%	14	30	45
37-0000	Building and Grounds Cleaning and Maintenance	97,032	122,409	25,377	26.15%	2,538	1,946	4,484
37-1000	Supervisors, Building and Grounds Cleaning and Maintenance Workers	8,475	10,453	1,978	23.34%	198	139	337
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	4,233	5,125	892	21.07%	89	100	189
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	4,242	5,328	1,086	25.60%	109	39	148
37-2000	Building Cleaning and Pest Control Workers	56,765	70,661	13,896	24.48%	1,390	1,117	2,506
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	31,390	39,567	8,177	26.05%	818	596	1,413
37-2012	Maids and Housekeeping Cleaners	23,413	28,640	5,227	22.33%	523	492	1,014
37-2021	Pest Control Workers	1,962	2,454	492	25.08%	49	30	79
37-3000	Grounds Maintenance Workers	31,792	41,295	9,503	29.89%	950	690	1,640
37-3011	Landscaping and Groundskeeping Workers	29,755	38,940	9,185	30.87%	919	648	1,566
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	340	338	-2	-0.59%	0	7	7
37-3013	Tree Trimmers and Pruners	167	186	19	11.38%	2	4	6
37-9099	Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	1,530	1,831	301	19.67%	30	31	62
39-0000	Personal Care and Service Occupations	71,989	86,169	14,180	19.70%	1,418	1,731	3,149
39-1000	Supervisors, Personal Care and Service Workers	6,851	7,379	528	7.71%	53	157	210
39-1011	Gaming Supervisors	1,648	1,897	249	15.11%	25	35	59
39-1012	Slot Key Persons	2,020	2,254	234	11.58%	23	42	66
39-1021	First-Line Supervisors/Managers of Personal Service Workers	3,183	3,228	45	1.41%	5	80	84
39-2000	Animal Care and Service Workers	3,215	3,720	505	15.71%	51	78	128
39-2011	Animal Trainers	508	519	11	2.17%	1	10	12
39-2021	Nonfarm Animal Caretakers	2,707	3,201	494	18.25%	49	67	117
39-3000	Entertainment Attendants and Related Workers	12,070	14,610	2,540	21.04%	254	419	673
39-3011	Gaming Dealers	2,571	3,071	500	19.45%	50	81	131
39-3012	Gaming and Sports Book Writers and Runners	633	809	176	27.80%	18	20	38
39-3021	Motion Picture Projectionists	95	87	-8	-8.42%	0	5	5

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,092	2,370	278	13.29%	28	119	147
39-3091	Amusement and Recreation Attendants	5,405	6,714	1,309	24.22%	131	156	287
39-3092	Costume Attendants	42	47	5	11.90%	#	1	1
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	376	453	77	20.48%	8	11	19
39-3199	Gaming Workers, All Other (OES Only)	856	1,059	203	23.71%	20	26	46
39-4000	Funeral Service Workers	248	299	51	20.56%	5	5	10
39-4011	Embalmers	116	133	17	14.66%	2	2	4
39-4021	Funeral Attendants	132	166	34	25.76%	3	3	6
39-5000	Personal Appearance Workers	13,711	14,437	726	5.30%	73	276	349
39-5011	Barbers	1,349	1,280	-69	-5.11%	0	38	38
39-5012	Hairdressers, Hairstylists, and Cosmetologists	9,785	10,275	490	5.01%	49	188	237
39-5091	Makeup Artists, Theatrical and Performance	21	23	2	9.52%	#	0	0
39-5092	Manicurists and Pedicurists	1,747	1,963	216	12.36%	22	34	55
39-5093	Shampooers	217	243	26	11.98%	3	4	7
39-5094	Skin Care Specialists	592	653	61	10.30%	6	12	18
39-6000	Transportation, Tourism, and Lodging Attendants	7,468	9,378	1,910	25.58%	191	143	334
39-6011	Baggage Porters and Bellhops	1,270	1,490	220	17.32%	22	34	56
39-6012	Concierges	549	641	92	16.76%	9	15	24
39-6021	Tour Guides and Escorts	1,388	1,755	367	26.44%	37	37	74
39-6022	Travel Guides	211	253	42	19.91%	4	6	10
39-6031	Flight Attendants	3,749	4,854	1,105	29.47%	111	48	159
39-6032	Transportation Attendants, Except Flight Attendants and Baggage Porters	301	385	84	27.91%	8	4	12
39-9000	Other Personal Care and Service Workers	28,426	36,346	7,920	27.86%	792	654	1,446
39-9011	Child Care Workers	11,462	13,604	2,142	18.69%	214	312	526
39-9021	Personal and Home Care Aides	6,155	8,947	2,792	45.36%	279	99	378
39-9031	Fitness Trainers and Aerobics Instructors	2,665	3,689	1,024	38.42%	102	61	164
39-9032	Recreation Workers	5,040	6,280	1,240	24.60%	124	116	240
39-9041	Residential Advisors	401	475	74	18.45%	7	8	16
39-9099	Personal Care and Service Workers, All Other	2,703	3,351	648	23.97%	65	58	123
41-0000	Sales and Related Occupations	276,577	343,224	66,647	24.10%	6,665	8,852	15,517
41-1000	Supervisors, Sales Workers	40,289	47,540	7,251	18.00%	725	736	1,461
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	27,518	32,977	5,459	19.84%	546	494	1,040
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	12,771	14,563	1,792	14.03%	179	241	420
41-2000	Retail Sales Workers	145,138	186,464	41,326	28.47%	4,133	6,081	10,214
41-2011	Cashiers	65,225	86,033	20,808	31.90%	2,081	3,173	5,254

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
41-2012	Gaming Change Persons and Booth Cashiers	1,086	1,327	241	22.19%	24	53	77
41-2021	Counter and Rental Clerks	8,016	10,189	2,173	27.11%	217	307	524
41-2022	Parts Salespersons	3,364	3,669	305	9.07%	31	96	127
41-2031	Retail Salespersons	67,447	85,246	17,799	26.39%	1,780	2,452	4,232
41-3000	Sales Representatives, Services	17,735	21,223	3,488	19.67%	349	348	697
41-3011	Advertising Sales Agents	3,313	3,949	636	19.20%	64	64	128
41-3021	Insurance Sales Agents	6,058	6,936	878	14.49%	88	145	233
41-3031	Securities, Commodities, and Financial Services Sales Agents	4,394	5,242	848	19.30%	85	50	135
41-3041	Travel Agents	3,970	5,096	1,126	28.36%	113	89	202
41-4000	Sales Representatives, Wholesale and Manufacturing	38,341	49,997	11,656	30.40%	1,166	1,007	2,172
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	12,725	16,239	3,514	27.61%	351	334	686
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	25,616	33,758	8,142	31.78%	814	673	1,487
41-9000	Other Sales and Related Workers	35,074	38,000	2,926	8.34%	293	681	973
41-9011	Demonstrators and Product Promoters	2,102	2,635	533	25.36%	53	47	100
41-9012	Models	172	191	19	11.05%	2	4	6
41-9021	Real Estate Brokers	3,534	3,535	1	0.03%	#	70	70
41-9022	Real Estate Sales Agents	6,152	6,607	455	7.40%	46	122	168
41-9031	Sales Engineers	1,488	1,803	315	21.17%	32	44	76
41-9041	Telemarketers	11,928	12,056	128	1.07%	13	196	209
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	2,914	2,574	-340	-11.67%	0	69	69
41-9099	Sales and Related Workers, All Other	6,784	8,599	1,815	26.75%	182	129	311
43-0000	Office and Administrative Support Occupations	411,949	473,964	62,015	15.05%	6,202	9,251	15,452
43-1000	Supervisors, Office and Administrative Support Workers	25,317	28,744	3,427	13.54%	343	543	886
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	25,317	28,744	3,427	13.54%	343	543	886
43-2000	Communications Equipment Operators	5,335	5,163	-172	-3.22%	0	136	136
43-2011	Switchboard Operators, Including Answering Service	4,185	4,535	350	8.36%	35	107	142
43-2021	Telephone Operators	830	371	-459	-55.30%	0	22	22
43-2099	Communications Equipment Operators, All Other	320	257	-63	-19.69%	0	7	7
43-3000	Financial Clerks	64,117	74,105	9,988	15.58%	999	1,493	2,492
43-3011	Bill and Account Collectors	12,487	15,819	3,332	26.68%	333	235	569
43-3021	Billing and Posting Clerks and Machine Operators	7,622	8,763	1,141	14.97%	114	129	243

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-3031	Bookkeeping, Accounting, and Auditing Clerks	29,396	32,796	3,400	11.57%	340	551	891
43-3041	Gaming Cage Workers	1,425	1,723	298	20.91%	30	69	99
43-3051	Payroll and Timekeeping Clerks	4,803	5,415	612	12.74%	61	127	188
43-3061	Procurement Clerks	1,333	1,343	10	0.75%	1	34	35
43-3071	Tellers	7,051	8,246	1,195	16.95%	120	347	467
43-4000	Information and Record Clerks	116,145	144,090	27,945	24.06%	2,795	2,387	5,182
43-4011	Brokerage Clerks	1,269	1,141	-128	-10.09%	0	17	17
43-4021	Correspondence Clerks	562	555	-7	-1.25%	0	17	17
43-4031	Court, Municipal, and License Clerks	3,045	3,792	747	24.53%	75	67	142
43-4041	Credit Authorizers, Checkers, and Clerks	3,278	3,463	185	5.64%	19	63	81
43-4051	Customer Service Representatives	46,057	61,335	15,278	33.17%	1,528	685	2,213
43-4061	Eligibility Interviewers, Government Programs	3,794	3,715	-79	-2.08%	0	101	101
43-4071	File Clerks	5,789	5,957	168	2.90%	17	172	189
43-4081	Hotel, Motel, and Resort Desk Clerks	3,757	4,663	906	24.11%	91	169	259
43-4111	Interviewers, Except Eligibility and Loan	3,448	5,056	1,608	46.64%	161	89	250
43-4121	Library Assistants, Clerical	1,253	1,576	323	25.78%	32	51	83
43-4131	Loan Interviewers and Clerks	5,888	5,251	-637	-10.82%	0	81	81
43-4141	New Accounts Clerks	1,365	1,654	289	21.17%	29	34	63
43-4151	Order Clerks	5,658	5,440	-218	-3.85%	0	127	127
43-4161	Human Resources Assistants, Except Payroll and	3,860	4,848	988	25.60%	99	83	182
43-4171	Receptionists and Information Clerks	19,019	26,543	7,524	39.56%	752	467	1,220
43-4181	Reservation and Transportation Ticket Agents and Travel	3,597	4,378	781	21.71%	78	94	172
43-4999	Financial, Information, and Record Clerks, All Other (OES	4,506	4,723	217	4.82%	22	71	92
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	62,573	70,070	7,497	11.98%	750	1,814	2,564
43-5011	Cargo and Freight Agents	970	1,130	160	16.49%	16	22	38
43-5021	Couriers and Messengers	2,385	2,382	-3	-0.13%	0	55	54
43-5031	Police, Fire, and Ambulance Dispatchers	1,594	1,970	376	23.59%	38	34	72
43-5032	Dispatchers, Except Police, Fire, and Ambulance	3,257	3,774	517	15.87%	52	70	122
43-5041	Meter Readers, Utilities	1,315	1,347	32	2.43%	3	42	45
43-5051	Postal Service Clerks	991	1,079	88	8.88%	9	26	35
43-5052	Postal Service Mail Carriers	5,356	5,835	479	8.94%	48	168	216
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	3,831	3,758	-73	-1.91%	0	101	101
43-5061	Production, Planning, and Expediting Clerks	4,285	5,129	844	19.70%	84	104	188
43-5071	Shipping, Receiving, and Traffic Clerks	13,290	16,770	3,480	26.19%	348	273	621
43-5081	Stock Clerks and Order Fillers	23,466	24,810	1,344	5.73%	134	868	1,003

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1,333	1,607	274	20.56%	27	34	61
43-5199	Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	500	479	-21	-4.20%	0	19	19
43-6000	Secretaries and Administrative Assistants	65,339	71,754	6,415	9.82%	642	1,251	1,893
43-6011	Executive Secretaries and Administrative Assistants	28,825	32,814	3,989	13.84%	399	552	951
43-6012	Legal Secretaries	4,588	5,503	915	19.94%	92	88	179
43-6013	Medical Secretaries	2,494	3,327	833	33.40%	83	48	131
43-6014	Secretaries, Except Legal, Medical, and Executive	29,432	30,110	678	2.30%	68	564	631
43-9000	Other Office and Administrative Support Workers	73,123	80,038	6,915	9.46%	692	1,626	2,318
43-9011	Computer Operators	3,664	3,145	-519	-14.16%	0	78	78
43-9021	Data Entry Keyers	9,207	8,745	-462	-5.02%	0	217	217
43-9022	Word Processors and Typists	3,790	2,438	-1,352	-35.67%	0	84	84
43-9031	Desktop Publishers	354	457	103	29.10%	10	8	18
43-9041	Insurance Claims and Policy Processing Clerks	3,434	3,871	437	12.73%	44	55	99
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	2,397	2,415	18	0.75%	2	72	73
43-9061	Office Clerks, General	42,406	51,397	8,991	21.20%	899	939	1,838
43-9071	Office Machine Operators, Except Computer	2,084	2,033	-51	-2.45%	0	53	53
43-9081	Proofreaders and Copy Markers	973	829	-144	-14.80%	0	20	20
43-9111	Statistical Assistants	228	211	-17	-7.46%	0	4	4
43-9999	Secretaries, Administrative Assistants, and Other Office	4,586	4,497	-89	-1.94%	0	97	97
45-0000	Farming, Fishing, and Forestry Occupations	21,940	20,868	-1,072	-4.89%	0	602	602
45-1000	Supervisors, Farming, Fishing, and Forestry Workers	1,063	1,029	-34	-3.20%	0	24	24
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	913	902	-11	-1.20%	0	21	21
45-1012	Farm Labor Contractors	150	127	-23	-15.33%	0	3	3
45-2000	Agricultural Workers	18,951	17,808	-1,143	-6.03%	0	533	533
45-2011	Agricultural Inspectors	310	352	42	13.55%	4	8	12
45-2021	Animal Breeders	124	85	-39	-31.45%	0	2	2
45-2041	Graders and Sorters, Agricultural Products	796	840	44	5.53%	4	21	26
45-2091	Agricultural Equipment Operators	1,506	1,482	-24	-1.59%	0	43	43
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	15,116	14,008	-1,108	-7.33%	0	428	428
45-2093	Farmworkers, Farm and Ranch Animals	1,099	1,041	-58	-5.28%	0	31	31
45-3000	Fishing and Hunting Workers	13	11	-2	0	0	1	1

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
45-3011	Fishers and Related Fishing Workers	**	**	**	**	**	**	**
45-3021	Hunters and Trappers	**	**	**	**	**	**	**
45-4000	Forest, Conservation, and Logging Workers	414	454	40	9.66%	4	8	12
45-4011	Forest and Conservation Workers	102	102	0	0.00%	0	3	3
45-4021	Fallers	40	52	12	30.00%	1	1	2
45-4022	Logging Equipment Operators	190	216	26	13.68%	3	4	6
45-4023	Log Graders and Scalers	82	84	2	2.44%	#	2	2
45-9000	Other Farming, Fishing, and Forestry Workers	1,499	1,566	67	4.47%	7	36	43
45-9099	Farming, Fishing, and Forestry Workers, All Other (OES Only)	1,499	1,566	67	4.47%	7	36	43
47-0000	Construction and Extraction Occupations	194,569	255,985	61,416	31.57%	6,142	4,048	10,189
47-1000	Supervisors, Construction and Extraction Workers	15,611	20,546	4,935	31.61%	494	266	759
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	15,611	20,546	4,935	31.61%	494	266	759
47-2000	Construction Trades Workers	145,028	191,458	46,430	32.01%	4,643	2,660	7,303
47-2011	Boilermakers	755	879	124	16.42%	12	28	40
47-2021	Brickmasons and Blockmasons	4,242	5,595	1,353	31.90%	135	63	198
47-2022	Stonemasons	934	1,359	425	45.50%	43	14	56
47-2031	Carpenters	33,809	43,240	9,431	27.89%	943	550	1,493
47-2041	Carpet Installers	2,202	2,720	518	23.52%	52	34	86
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	509	620	111	21.81%	11	8	19
47-2043	Floor Sanders and Finishers	544	640	96	17.65%	10	9	18
47-2044	Tile and Marble Setters	2,051	3,007	956	46.61%	96	32	128
47-2051	Cement Masons and Concrete Finishers	7,550	10,839	3,289	43.56%	329	152	481
47-2053	Terrazzo Workers and Finishers	282	361	79	28.01%	8	6	14
47-2061	Construction Laborers	22,122	29,294	7,172	32.42%	717	295	1,012
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,365	1,748	383	28.06%	38	20	58
47-2072	Pile-Driver Operators	104	131	27	25.96%	3	2	5
47-2073	Operating Engineers and Other Construction Equipment Operators	8,824	11,207	2,383	27.01%	238	227	465
47-2081	Drywall and Ceiling Tile Installers	6,862	9,687	2,825	41.17%	283	149	431
47-2082	Tapers	4,169	5,828	1,659	39.79%	166	90	256
47-2111	Electricians	10,648	14,595	3,947	37.07%	395	211	605
47-2121	Glaziers	1,337	1,751	414	30.96%	41	28	69
47-2130	Insulation Workers	945	1,212	267	28.25%	27	29	55
47-2141	Painters, Construction and Maintenance	9,717	12,448	2,731	28.11%	273	148	421
47-2142	Paperhangers	1,037	1,181	144	13.89%	14	13	28
47-2151	Pipelayers	1,346	1,745	399	29.64%	40	31	71

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-2152	Plumbers, Pipefitters, and Steamfitters	8,581	11,449	2,868	33.42%	287	197	484
47-2161	Plasterers and Stucco Masons	3,738	4,918	1,180	31.57%	118	68	186
47-2171	Reinforcing Iron and Rebar Workers	709	954	245	34.56%	25	14	38
47-2181	Roofers	4,585	6,024	1,439	31.38%	144	107	251
47-2211	Sheet Metal Workers	4,226	5,499	1,273	30.12%	127	101	229
47-2221	Structural Iron and Steel Workers	1,835	2,527	692	37.71%	69	36	105
47-3000	Helpers, Construction Trades	20,007	25,633	5,626	28.12%	563	831	1,393
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	2,635	3,068	433	16.43%	43	109	153
47-3012	Helpers--Carpenters	5,913	7,771	1,858	31.42%	186	246	431
47-3013	Helpers--Electricians	2,386	3,149	763	31.98%	76	99	175
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco	2,108	2,834	726	34.44%	73	88	160
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	3,746	4,647	901	24.05%	90	156	246
47-3016	Helpers--Roofers	1,200	1,618	418	34.83%	42	50	92
47-3019	Helpers, Construction Trades, All Other	2,019	2,546	527	26.10%	53	84	137
47-4000	Other Construction and Related Workers	8,035	10,334	2,299	28.61%	230	167	396
47-4011	Construction and Building Inspectors	2,530	3,272	742	29.33%	74	57	131
47-4021	Elevator Installers and Repairers	415	535	120	28.92%	12	10	22
47-4031	Fence Erectors	683	872	189	27.67%	19	10	29
47-4041	Hazardous Materials Removal Workers	1,490	2,073	583	39.13%	58	39	98
47-4051	Highway Maintenance Workers	2,156	2,643	487	22.59%	49	31	80
47-4061	Rail-Track Laying and Maintenance Equipment Operators	172	200	28	16.28%	3	4	7
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	490	619	129	26.33%	13	13	26
47-4091	Segmental Pavers	99	120	21	21.21%	2	2	4
47-4900	All Other Construction Trades and Related Workers	2,988	4,192	1,204	40.29%	120	48	168
47-4999	Construction Trades and Related Workers, All Other (OES Only)	2,988	4,192	1,204	40.29%	120	48	168
47-5000	Extraction Workers	2,900	3,822	922	31.79%	92	77	170
47-5011	Derrick Operators, Oil and Gas	74	101	27	36.49%	3	2	5
47-5012	Rotary Drill Operators, Oil and Gas	37	46	9	24.32%	#	1	1
47-5013	Service Unit Operators, Oil, Gas, and Mining	19	22	3	15.79%	#	1	1
47-5021	Earth Drillers, Except Oil and Gas	620	747	127	20.48%	13	13	26
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	163	188	25	15.34%	3	6	9
47-5041	Continuous Mining Machine Operators	311	345	34	10.93%	3	9	12
47-5042	Mine Cutting and Channeling Machine Operators	224	265	41	18.30%	4	6	11

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
47-5049	Mining Machine Operators, All Other	59	63	4	6.78%	#	2	2
47-5051	Rock Splitters, Quarry	272	323	51	18.75%	5	7	12
47-5061	Roof Bolters, Mining	29	28	-1	-3.45%	0	1	0
47-5071	Roustabouts, Oil and Gas	87	116	29	33.33%	3	2	5
47-5081	Helpers--Extraction Workers	849	1,403	554	65.25%	55	24	79
47-5099	Extraction Workers, All Other	156	175	19	12.18%	2	4	6
49-0000	Installation, Maintenance, and Repair Occupations	108,882	134,466	25,584	23.50%	2,558	2,555	5,113
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	7,671	9,562	1,891	24.65%	189	192	381
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	7,671	9,562	1,891	24.65%	189	192	381
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and	15,521	17,793	2,272	14.64%	227	310	537
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,036	2,358	322	15.82%	32	25	57
49-2021	Radio Mechanics	201	146	-55	-27.36%	0	4	4
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	3,783	4,138	355	9.38%	36	78	114
49-2091	Avionics Technicians	591	701	110	18.61%	11	14	25
49-2092	Electric Motor, Power Tool, and Related Repairers	351	375	24	6.84%	2	8	11
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	461	557	96	20.82%	10	11	21
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	3,445	3,828	383	11.12%	38	76	114
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation,	273	348	75	27.47%	8	6	14
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	301	341	40	13.29%	4	7	11
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	1,739	1,956	217	12.48%	22	34	56
49-2098	Security and Fire Alarm Systems Installers	1,938	2,573	635	32.77%	64	37	101
49-2099	Electrical and Electronic Equipment Mechanics, Installers, and	402	472	70	17.41%	7	8	15
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	37,325	45,422	8,097	21.69%	810	974	1,784
49-3011	Aircraft Mechanics and Service Technicians	3,035	3,942	907	29.88%	91	72	162
49-3021	Automotive Body and Related Repairers	3,845	4,574	729	18.96%	73	78	151
49-3022	Automotive Glass Installers and Repairers	1,172	1,295	123	10.49%	12	22	35
49-3023	Automotive Service Technicians and Mechanics	17,249	21,061	3,812	22.10%	381	459	840
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	4,915	5,942	1,027	20.90%	103	126	229
49-3041	Farm Equipment Mechanics	328	367	39	11.89%	4	7	11

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	2,343	2,797	454	19.38%	45	51	96
49-3043	Rail Car Repairers	145	173	28	19.31%	3	3	6
49-3051	Motorboat Mechanics	259	333	74	28.57%	7	6	14
49-3052	Motorcycle Mechanics	209	271	62	29.67%	6	5	11
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics							
		409	499	90	22.00%	9	10	19
49-3091	Bicycle Repairers	127	164	37	29.13%	4	5	9
49-3092	Recreational Vehicle Service Technicians	565	727	162	28.67%	16	24	40
49-3093	Tire Repairers and Changers							
		2,010	2,443	433	21.54%	43	85	129
49-3099	Vehicle and Mobile Equipment Mechanics, Installers, and	714	834	120	16.81%	12	19	31
49-9000	Other Installation, Maintenance, and Repair Occupations	48,365	61,689	13,324	27.55%	1,332	1,079	2,411
49-9011	Mechanical Door Repairers	153	206	53	34.64%	5	4	9
49-9012	Control and Valve Installers and Repairers, Except Mechanical	1,056	1,480	424	40.15%	42	26	69
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers							
		4,598	6,540	1,942	42.24%	194	61	255
49-9031	Home Appliance Repairers	1,372	1,503	131	9.55%	13	33	46
49-9041	Industrial Machinery Mechanics	1,953	2,298	345	17.67%	35	39	74
49-9042	Maintenance and Repair Workers, General	18,729	24,215	5,486	29.29%	549	360	908
49-9043	Maintenance Workers, Machinery	2,023	2,289	266	13.15%	27	46	72
49-9044	Millwrights	983	1,180	197	20.04%	20	24	44
49-9045	Refractory Materials Repairers, Except Brickmasons	45	48	3	6.67%	#	1	1
49-9051	Electrical Power-Line Installers and Repairers	1,548	1,985	437	28.23%	44	49	93
49-9052	Telecommunications Line Installers and Repairers	3,074	4,070	996	32.40%	100	84	183
49-9061	Camera and Photographic Equipment Repairers	116	103	-13	-11.21%	0	3	3
49-9062	Medical Equipment Repairers	311	406	95	30.55%	10	9	18
49-9063	Musical Instrument Repairers and Tuners	541	593	52	9.61%	5	15	20
49-9064	Watch Repairers	419	505	86	20.53%	9	12	20
49-9069	Precision Instrument and Equipment Repairers, All Other	288	323	35	12.15%	4	8	12
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers							
		643	770	127	19.75%	13	16	28
49-9092	Commercial Divers	97	107	10	10.31%	1	2	3
49-9093	Fabric Menders, Except Garment	44	48	4	9.09%	#	1	1
49-9094	Locksmiths and Safe Repairers	584	672	88	15.07%	9	20	28
49-9095	Manufactured Building and Mobile Home Installers	409	499	90	22.00%	9	10	19
49-9096	Riggers	248	306	58	23.39%	6	6	11
49-9097	Signal and Track Switch Repairers	391	520	129	32.99%	13	14	27

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
49-9098	Helpers--Installation, Maintenance, and Repair Workers	3,659	4,656	997	27.25%	100	124	224
49-9099	Installation, Maintenance, and Repair Workers, All Other	5,081	6,367	1,286	25.31%	129	116	244
51-0000	Production Occupations	133,669	154,994	21,325	15.95%	2,133	3,244	5,377
51-1000	Supervisors, Production Workers	8,126	9,659	1,533	18.87%	153	170	324
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	8,126	9,659	1,533	18.87%	153	170	324
51-2000	Assemblers and Fabricators	25,406	27,066	1,660	6.53%	166	649	815
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	645	705	60	9.30%	6	18	24
51-2021	Coil Winders, Tapers, and Finishers	383	361	-22	-5.74%	0	9	9
51-2022	Electrical and Electronic Equipment Assemblers	2,265	2,071	-194	-8.57%	0	54	54
51-2023	Electromechanical Equipment Assemblers	685	681	-4	-0.58%	0	16	16
51-2031	Engine and Other Machine Assemblers	342	352	10	2.92%	1	10	11
51-2041	Structural Metal Fabricators and Fitters	845	899	54	6.39%	5	20	25
51-2091	Fiberglass Laminators and Fabricators	446	468	22	4.93%	2	12	14
51-2092	Team Assemblers	16,445	17,921	1,476	8.98%	148	425	573
51-2093	Timing Device Assemblers, Adjusters, and Calibrators	275	283	8	2.91%	#	7	7
51-2099	Assemblers and Fabricators, All Other	3,075	3,325	250	8.13%	25	80	105
51-3000	Food Processing Workers	8,945	10,204	1,259	14.07%	126	206	332
51-3011	Bakers	3,228	3,746	518	16.05%	52	75	127
51-3021	Butchers and Meat Cutters	2,094	2,052	-42	-2.01%	0	46	46
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	757	935	178	23.51%	18	17	34
51-3023	Slaughterers and Meat Packers	613	802	189	30.83%	19	13	32
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	307	337	30	9.77%	3	9	12
51-3092	Food Batchmakers	1,222	1,468	246	20.13%	25	30	55
51-3093	Food Cooking Machine Operators and Tenders	348	411	63	18.10%	6	8	14
51-3099	Food Processing Workers, All Other (OES Only)	376	453	77	20.48%	8	8	16
51-4000	Metal Workers and Plastic Workers	24,070	26,728	2,658	11.04%	266	590	856
51-4011	Computer-Controlled Machine Tool Operators, Metal and	1,021	1,120	99	9.70%	10	17	27
51-4012	Numerical Tool and Process Control Programmers	420	467	47	11.19%	5	7	12
51-4021	Extruding and Drawing Machine Setters, Operators, and	1,202	1,302	100	8.32%	10	40	50
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and	411	438	27	6.57%	3	6	9
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	366	364	-2	-0.55%	0	8	8
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2,327	2,613	286	12.29%	29	54	83

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	559	550	-9	-1.61%	0	16	16
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1,056	1,061	5	0.47%	#	20	20
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	576	589	13	2.26%	1	11	12
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	514	568	54	10.51%	5	9	14
51-4041	Machinists	4,154	4,726	572	13.77%	57	97	154
51-4051	Metal-Refining Furnace Operators and Tenders	141	153	12	8.51%	1	3	4
51-4052	Pourers and Casters, Metal	82	87	5	6.10%	#	2	2
51-4061	Model Makers, Metal and Plastic	112	120	8	7.14%	#	4	4
51-4062	Patternmakers, Metal and Plastic	68	61	-7	-10.29%	0	2	2
51-4071	Foundry Mold and Coremakers	214	214	0	0.00%	0	5	5
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,450	1,510	60	4.14%	6	36	42
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	692	752	60	8.67%	6	19	25
51-4111	Tool and Die Makers	688	701	13	1.89%	1	16	17
51-4121	Welders, Cutters, Solderers, and Brazers	4,703	6,022	1,319	28.05%	132	133	265
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	561	572	11	1.96%	1	16	17
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	355	350	-5	-1.41%	0	11	11
51-4192	Lay-Out Workers, Metal and Plastic	137	144	7	5.11%	#	2	2
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	707	712	5	0.71%	#	15	15
51-4194	Tool Grinders, Filers, and Sharpeners	428	393	-35	-8.18%	0	14	14
51-4199	Metal Workers and Plastic Workers, All Other	1,126	1,139	13	1.15%	1	27	28
51-5000	Printing Workers	5,673	5,901	228	4.02%	23	135	158
51-5011	Bindery Workers	847	796	-51	-6.02%	0	23	23
51-5012	Bookbinders	60	64	4	6.67%	#	2	2
51-5021	Job Printers	979	1,054	75	7.66%	8	23	31
51-5022	Prepress Technicians and Workers	918	821	-97	-10.57%	0	22	22
51-5023	Printing Machine Operators	2,613	2,860	247	9.45%	25	61	85
51-5099	Printing Workers, All Other (OES Only)	256	306	50	19.53%	5	6	11

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-6000	Textile, Apparel, and Furnishings Workers	11,694	14,610	2,916	24.94%	292	246	537
51-6011	Laundry and Dry-Cleaning Workers	3,684	4,475	791	21.47%	79	100	179
51-6021	Pressers, Textile, Garment, and Related Materials	1,293	1,533	240	18.56%	24	20	44
51-6031	Sewing Machine Operators	1,814	2,251	437	24.09%	44	23	66
51-6041	Shoe and Leather Workers and Repairers	219	235	16	7.31%	2	7	9
51-6042	Shoe Machine Operators and Tenders	43	55	12	27.91%	1	1	2
51-6051	Sewers, Hand	398	480	82	20.60%	8.2	6.9	15.1
51-6052	Tailors, Dressmakers, and Custom Sewers	725	831	106	14.62%	10.6	12.6	23.2
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	64	72	8	12.50%	#	2	2
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	167	180	13	7.78%	1	4	5
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	116	147	31	26.72%	3	1	4
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	398	479	81	20.35%	8	7	16
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	111	129	18	16.22%	2	2	4
51-6092	Fabric and Apparel Patternmakers	130	158	28	21.54%	3	6	9
51-6093	Upholsterers	474	444	-30	-6.33%	0	12	12
51-6099	Textile, Apparel, and Furnishings Workers, All Other	2,058	3,141	1,083	52.62%	108	49	157
51-7000	Woodworkers	4,598	4,768	170	3.70%	17	117	134
51-7011	Cabinetmakers and Bench Carpenters	1,849	1,971	122	6.60%	12	46	59
51-7021	Furniture Finishers	737	770	33	4.48%	3	15	18
51-7031	Model Makers, Wood	111	114	3	2.70%	#	3	3
51-7032	Patternmakers, Wood	91	95	4	4.40%	#	3	3
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	617	637	20	3.24%	2	18	20
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	744	737	-7	-0.94%	0	20	20
51-7099	Woodworkers, All Other	449	444	-5	-1.11%	0	13	13
51-8000	Plant and System Operators	4,315	5,231	916	21.23%	92	123	214
51-8011	Nuclear Power Reactor Operators	21	21	0	0.00%	0	1	1
51-8012	Power Distributors and Dispatchers	257	319	62	24.12%	6	7	13
51-8013	Power Plant Operators	601	766	165	27.45%	17	16	33
51-8021	Stationary Engineers and Boiler Operators	1,041	1,137	96	9.22%	10	19	29
51-8031	Water and Liquid Waste Treatment Plant and System Operators	1,575	1,978	403	25.59%	40	54	94
51-8091	Chemical Plant and System Operators	170	207	37	21.76%	4	5	9
51-8092	Gas Plant Operators	73	107	34	46.58%	3	2	6

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	166	232	66	39.76%	7	5	12
51-8099	Plant and System Operators, All Other	411	464	53	12.90%	5	13	18
51-9000	Other Production Occupations	40,842	50,827	9,985	24.45%	999	1,009	2,007
51-9011	Chemical Equipment Operators and Tenders	337	371	34	10.09%	3	11	14
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	833	889	56	6.72%	6	27	32
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	969	992	23	2.37%	2	25	28
51-9022	Grinding and Polishing Workers, Hand	1,854	2,665	811	43.74%	81	48	129
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	853	882	29	3.40%	3	22	25
51-9031	Cutters and Trimmers, Hand	419	476	57	13.60%	6	9	14
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	823	941	118	14.34%	12	17	29
51-9041	Extruding, Forming, Pressing, and Compacting Machine	762	774	12	1.57%	1	20	21
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	221	208	-13	-5.88%	0	5	5
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5,714	6,798	1,084	18.97%	108	130	238
51-9071	Jewelers and Precious Stone and Metal Workers	292	342	50	17.12%	5	6	11
51-9081	Dental Laboratory Technicians	1,262	1,380	118	9.35%	12	28	39
51-9082	Medical Appliance Technicians	199	242	43	21.61%	4	4	9
51-9083	Ophthalmic Laboratory Technicians	559	673	114	20.39%	11	12	24
51-9111	Packaging and Filling Machine Operators and Tenders	4,345	7,027	2,682	61.73%	268	86	355
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	1,276	1,471	195	15.28%	20	33	53
51-9122	Painters, Transportation Equipment	664	841	177	26.66%	18	17	35
51-9123	Painting, Coating, and Decorating Workers	670	776	106	15.82%	11	18	28
51-9131	Photographic Process Workers	560	553	-7	-1.25%	0	14	14
51-9132	Photographic Processing Machine Operators	636	703	67	10.53%	7	16	22
51-9141	Semiconductor Processors	1,613	1,677	64	3.97%	6	36	42
51-9191	Cementing and Gluing Machine Operators and Tenders	204	207	3	1.47%	#	6	6
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	245	260	15	6.12%	2	7	9
51-9193	Cooling and Freezing Equipment Operators and Tenders	91	104	13	14.29%	1	3	4
51-9194	Etchers and Engravers	166	181	15	9.04%	2	5	6
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	782	826	44	5.63%	4	19	23

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
51-9196	Paper Goods Machine Setters, Operators, and Tenders	755	885	130	17.22%	13	16	29
51-9197	Tire Builders	61	74	13	21.31%	1	1	3
51-9198	Helpers--Production Workers	10,135	13,544	3,409	33.64%	341	284	625
51-9199	Production Workers, All Other	3,542	4,065	523	14.77%	52	85	137
53-0000	Transportation and Material Moving Occupations	154,505	187,167	32,662	21.14%	3,266	3,495	6,761
53-1000	Supervisors, Transportation and Material Moving Workers	6,604	7,690	1,086	16.44%	109	155	264
53-1011	Aircraft Cargo Handling Supervisors	215	242	27	12.56%	3	5	8
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	2,619	3,008	389	14.85%	39	62	101
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	3,770	4,440	670	17.77%	67	89	156
53-2000	Air Transportation Workers	4,357	5,508	1,151	26.42%	115	114	230
53-2011	Airline Pilots, Copilots, and Flight Engineers	2,515	3,232	717	28.51%	72	67	139
53-2012	Commercial Pilots	792	998	206	26.01%	21	21	42
53-2021	Air Traffic Controllers	405	482	77	19.01%	8	10	18
53-2022	Airfield Operations Specialists	177	193	16	9.04%	2	5	6
53-2099	Air Transportation Workers, All Other (OES Only)	468	603	135	28.85%	14	11	25
53-3000	Motor Vehicle Operators	62,557	77,081	14,524	23.22%	1,452	947	2,400
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	163	226	63	38.65%	6	2	8
53-3021	Bus Drivers, Transit and Intercity	3,488	4,320	832	23.85%	83	76	159
53-3022	Bus Drivers, School	6,258	7,395	1,137	18.17%	114	136	250
53-3031	Driver/Sales Workers	7,565	8,394	829	10.96%	83	124	206
53-3032	Truck Drivers, Heavy and Tractor-Trailer	26,112	32,384	6,272	24.02%	627	426	1,054
53-3033	Truck Drivers, Light or Delivery Services	14,758	18,827	4,069	27.57%	407	135	542
53-3041	Taxi Drivers and Chauffeurs	2,255	2,844	589	26.12%	59	21	80
53-3099	Motor Vehicle Operators, All Other	1,958	2,691	733	37.44%	73	28	101
53-4000	Rail Transportation Workers	1,269	1,587	318	25.06%	32	33	64
53-4011	Locomotive Engineers	399	512	113	0	11	12	**
53-4012	Locomotive Firers	**	**	**	**	**	**	**
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	27	28	1	3.70%	#	1	1
53-4021	Railroad Brake, Signal, and Switch Operators	185	194	9	4.86%	#	2	2
53-4031	Railroad Conductors and Yardmasters	577	763	186	32.24%	19	16	34
53-4041	Subway and Streetcar Operators	16	19	3	18.75%	#	1	1
53-4099	Rail Transportation Workers, All Other	57	62	5	8.77%	#	2	2
53-5000	Water Transportation Workers	308	352	44	14.29%	4	10	14
53-5011	Sailors and Marine Oilers	94	110	16	17.02%	2	3	5

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total
53-5021	Captains, Mates, and Pilots of Water Vessels	111	126	15	13.51%	2	3	5
53-5022	Motorboat Operators	46	59	13	28.26%	1	1	3
53-5031	Ship Engineers	33	33	0	0.00%	0	2	2
53-5099	Water Transportation Workers, All Other (OES Only)	24	24	0	0.00%	0	1	1
53-6000	Other Transportation Workers	6,302	7,510	1,208	19.17%	121	211	332
53-6021	Parking Lot Attendants	2,186	2,533	347	15.87%	35	65	100
53-6031	Service Station Attendants	1,738	2,018	280	16.11%	28	78	106
53-6041	Traffic Technicians	263	324	61	23.19%	6	8	14
53-6051	Transportation Inspectors	476	548	72	15.13%	7	11	19
53-6099	Transportation Workers, All Other	1,612	2,065	453	28.10%	45	49	94
53-7000	Material Moving Workers	73,108	87,439	14,331	19.60%	1,433	2,024	3,457
53-7011	Conveyor Operators and Tenders	1,154	1,293	139	12.05%	14	33	47
53-7021	Crane and Tower Operators	449	564	115	25.61%	12	10	21
53-7031	Dredge Operators	92	97	5	5.43%	#	3	3
53-7032	Excavating and Loading Machine and Dragline Operators	830	1,026	196	23.61%	20	23	42
53-7033	Loading Machine Operators, Underground Mining	80	86	6	7.50%	#	2	2
53-7041	Hoist and Winch Operators	112	114	2	1.79%	#	4	4
53-7051	Industrial Truck and Tractor Operators	6,423	7,624	1,201	18.70%	120	122	242
53-7061	Cleaners of Vehicles and Equipment	8,312	9,616	1,304	15.69%	130	289	420
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	33,192	39,202	6,010	18.11%	601	1,085	1,686
53-7063	Machine Feeders and Offbearers	1,446	1,452	6	0.41%	#	39	39
53-7064	Packers and Packagers, Hand	17,636	22,309	4,673	26.50%	467	330	797
53-7071	Gas Compressor and Gas Pumping Station Operators	51	68	17	33.33%	2	1	3
53-7072	Pump Operators, Except Wellhead Pumps	109	138	29	26.61%	3	3	5
53-7073	Wellhead Pumps	17	18	1	5.88%	#	0	0
53-7081	Refuse and Recyclable Material Collectors	2,086	2,662	576	27.61%	58	54	111
53-7111	Shuttle Car Operators	26	25	-1	-3.85%	0	1	1
53-7121	Tank Car, Truck, and Ship Loaders	141	143	2	1.42%	#	4	4
53-7199	Material Moving Workers, All Other	952	1,002	50	5.25%	5	26	31

*For more information on the Standard Occupational Classification (SOC) system, go to: www.bls.gov/soc/socguide.htm
 For Occupational Dictionary, see: http://www.workforce.az.gov/admin/uploadedPublications/1194_OccDictByCode.pdf

**Data suppressed due to confidentiality or base employment of 10 or less.

2003-2013 Arizona Statewide Occupational Projections

Standard Occupation Classification (SOC)*		Employment		10 Year Change		Average Annual Openings		
SOC Code	SOC Title	2003 Estimated	2013 Projected	Number	Percent	Due to Growth	Due to Separations	Total

Occupations that are projected to increase by less than 10 opening over the 10 year period will have an annual average growth less than 1. For example, the annual average for an occupation projected to have 5 openings over the ten year period will have an annual average of 0.5. Since "fractional" openings are not calculated in these projections, this means the occupation is projected to have an average of one opening every two years.

Occupations in decline or with no growth will show annual openings due to growth as 0.

Total annual openings are the sum of openings from growth plus openings from separations. Separations are vacancies caused by workers leaving the labor market or changing occupations. Thus an occupation that is not growing or is in decline could still have openings due to separations.

Headings in **bold** font are the major occupational groups of the Standard Occupational Classification (SOC) system.

Major occupational groups of the SOC are a composite of all individual occupations listed below the major group heading.

Occupation codes ending in 000 (e.g. 11-1000, 11-2000, 11-3000, etc) are a summation of all the occupations listed below them.

Totals may not add exactly due to rounding or suppression of data.

See Notes worksheet for additional information on methodology.

For more information on occupational projections, visit: <http://stats.bls.gov/emp/optd/home.htm>

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